Jonas Hübotter

Github: github.com/jonhue
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EDUCATION

ETH Zurich — Zurich, Switzerland
PhD in Computer Science — *since 2023*
Advisor: Andreas Krause

ETH Zurich — Zurich, Switzerland
MSc in Computer Science — *2021 - 2023*
Theoretical Computer Science (Major) and Machine Learning (Minor)
ETH Medal for best thesis (awarded to top 2.5% of all ETH graduates)

Technical University Munich — Munich, Germany
BSc in Computer Science (passed with distinction) — *2018 - 2021*
Computer Science (Major) and Mathematics (Minor)

PROFESSIONAL EXPERIENCE

Citadel Securities (Market Maker) — London, United Kingdom
Quantitative Researcher (Internship) — *July 2022 - September 2022*
- **Time-series prediction**: and monetization with Guillaume Basse and Sören Künzel. Received a full-time return offer.

Uncountable (R&D Platform) — Munich, Germany
Machine Learning Engineer (Part-time) — *April 2020 - July 2021*
- **Work with R&D teams**: to streamline their data and accelerate development using Bayesian optimization
- **Inteligent Suggestion of Formulations**: Extended existing features to reflect linear constraints like cost and stoichiometric ratios when identifying promising formulations.
- **Outlier Detection**: Developed an end-to-end feature set to detect outliers and bimodal distributions.

Liefery (Same-Day Delivery) — Berlin/Munich, Germany
Software Engineer (Internship, then Part-time) — *May 2018 - Mar 2020*
- **Leading the team to adopt an automated continuous delivery workflow**: increasing quality and quantity of production deployments with less downtime
- **Scalability**: Worked on route planning algorithms and data organization supporting timely delivery of hundreds of thousands of shipments a month.

TEACHING

Probabilistic Artificial Intelligence — ETH Zurich
Teaching Assistant, graduate — *2022, 2023, 2024*

Introduction to Machine Learning — ETH Zurich
Teaching Assistant, undergraduate — *2024, 2025*

Advanced Graph Algorithms and Optimization — ETH Zurich
Teaching Assistant, graduate — *2023*

Algorithms and Probability — ETH Zurich
Teaching Assistant, undergraduate — *2022*

Theory of Computation — TUM
Teaching Assistant, undergraduate — *2021*

Discrete Probability Theory — TUM
Teaching Assistant, undergraduate — *2021*

Functional Programming and Verification — TUM
Teaching Assistant, undergraduate — *2021*

Discrete Probability Theory — TUM
Designing and Teaching the Revision Course, undergraduate — *2020*

Functional Programming and Verification — TUM
Designing and Teaching the Revision Course, undergraduate — *2020*

HONORS AND AWARDS

- Swiss AI Grant for 50k GH200 GPU hours (equivalent value $\approx$ \$150k, with Ido Hakimi & Andreas Krause) – Jul 2025
- ETH Medal – Feb 2024
- Graduate scholarship by the German Academic Scholarship Foundation (Studienstiftung) – Feb 2021
- Undergraduate scholarship by the German Academic Scholarship Foundation (Studienstiftung) – Feb 2019

PROFESSIONAL SERVICE

- Reviewer: NeurIPS 2024 (top), 2025; ICLR 2025